

# AUVIO™

THE PERFORMANCE YOU NEED

## 3.5" Portable TV

User's Guide

16-972



*Please read this user's guide before using your new TV.*

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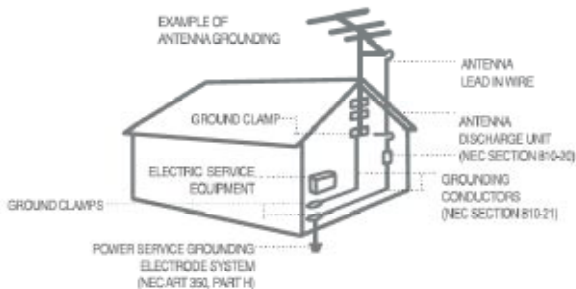
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# Important Safety Instructions

Always be careful when using your product. To reduce the risk of fire, electrical shock and other injuries, keep these safety precautions in mind when installing, using and maintaining your TV.

- 1)** Read these instructions
- 2)** Keep these instructions.
- 3)** Heed all warnings.
- 4)** Follow all instructions.
- 5)** Do not use this product near water.
- 6)** To clean, unplug and separate from all power sources and use a dry cloth only.
- 7)** Do not block any ventilation openings.
- 8)** Do not install or use near any heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- 9)** Protect the power cord of your adapter from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
- 10)** Only use the attachments / accessories specified by the manufacturer.
- 11)** Unplug this product during lightning storms or when unused for long periods of time.

- 12)** Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 13)** Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet, separate batteries from the apparatus and store the antenna. This will prevent damage to the product due to lightning and power-line surges.



- 14)** Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electrical shock.
- 15)** Object and Liquid Entry – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 16)** Servicing – Do not attempt to service this product yourself as openings or disassembling the cabinet may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

## Precautions

- 1)** Do not use this product in temperatures higher than 40°C (104°F) and lower than 32°F (0°C).
- 2)** Do not store this product and batteries in temperature higher than 140°F (60°C) and lower than 14°F (-10°C).
- 3)** Remove the batteries from the TV when you are not using it for extended periods.
- 4)** Keep the unit away from direct sunlight.
- 5)** To prevent overheating, do not place the product inside any bag or case while powered on.

- 6) Handle carefully. Do not place anything heavy, sharp, wet, or hot on the unit.
- 7) To protect your hearing, set the volume to the lowest before using earphones. Do not listen at extremely high volume levels as extended high volume listening can cause hearing loss.
- 8) To prevent breakage or damage to the antenna, pull the antenna to the very end before adjusting.
- 9) Be careful that the extended built-in antenna does not poke any part of body or other people.
- 10) Parents should supervise usage of this product by children.

**RoHS**  
COMPLIANT

Complies with the European Union's "Restriction of Hazardous Substances Directive," which protects the environment by restricting specific hazardous materials and products.

# Package Contents

- Portable 3.5" TV
- Quick Start
- User's Guide

# Product Features

- The TV's 3.5" high-resolution screen delivers a bright, crisp picture
- Handheld design for easy portability
- Runs on four AA batteries (not included) for cord-free convenience





**DC5V**

Insert power adapter plug (optional)

**Menu**

Access/exit the settings menu.

**▲ CH+ / ▼ CH-**

- Navigate menus and EPG.
- Skip to the next or previous channel.



- Confirm selections.
- Display channel information.



- Navigate menus and Electronic Program Guide (EPG).
- Change the volume.

# Powering Your TV

## Install Batteries

1. Slide open the battery compartment door.
2. Insert four alkaline batteries (not included) into the battery compartment with correct polarity (+ and -) as marked inside the compartment
3. Close the battery compartment door.

### **Battery Notes:**

- Use only fresh batteries of the required size and type. Do not mix battery types.
- Do not burn or bury batteries. Do not puncture or crush. Do not disassemble.
- Remove batteries if you do not intend to use your TV for an extended time.
- Activate **Max Battery** function to maximize the duration of your battery life. See page 18.



## Using an AC or Car Power Adapter (optional)

To power your TV with an AC or car power adapter (neither included), make sure your adapter has the following specifications:

- Tip Size: 2.8mm
  - Tip Polarity: Positive (+)
  - Output Voltage: 5V, Current Rating: 1A
1. Remove batteries if installed in the TV.
  2. Connect the adapter (not included) to the **DC5V** jack on the right hand side panel.
  3. Connect your adapter to a standard household outlet.

– OR –

To use a car power adapter, start your car first before connecting to your car lighter socket.

### **Caution**

- *Using an adapter that does not meet the above specifications could damage the TV and your adapter.*
- *Always disconnect your adapter from your power source and TV when not in use.*



**DC5V adapter port**

## Using the Antenna

Fully extend the built-in antenna for best signal reception.

There might be no signal or a weak signal if:

- Buildings or trees are blocking the transmitting tower.
- It is snowing or raining heavily.
- You are walking, running, or moving with the TV.
- You are operating the TV inside a moving vehicle.
- The TV is surrounded by other electronics.



If the picture is not clear with the built-in antenna extended, try placing your TV near a window.



### **Notes:**




- *Digital Mode requires the TV to be stationary. You cannot watch digital channels in a moving vehicle.*
- *Keep the built-in antenna stored folded and away from any object which can conduct electric current.*

# Menu Operation


1. Slide the **POWER** switch on the back of the TV to **ON**.
2. Press  to access the main menu.
3. Use the navigation buttons **▲ CH+**, **▼ CH-**, **◀**, **▶** to select one of six submenus: **Auto Search**, **Quick Search**, **Channel Hop**, **EPG**, **Channel Edit**, **Functions** (explained on page 16).
4. Press  to confirm.



## Auto Search

1. Select **Auto Search** from the main menu.
2. Highlight one of the following and press  to select:
  - **Rescan** to scan for channels and erase previously saved channel information.
  - **Update** to scan for channels but keep previously saved channel information.
3. Press  to start channel searching. Press  again to stop.



 **Note:** RF Ch. No. may differ from the actual channel number. For example, for RF Ch. No 19, the actual channel may be 32-1 or 32-2.

## Quick Search

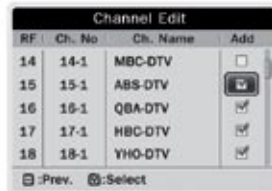
If you know the RF channel number, you can access it quickly. Visit [AntennaWeb.org](http://AntennaWeb.org) and follow the “Choose an antenna” instructions to find a list of RF channel numbers in your area.

1. Select **Quick Search** from the main menu.
2. Use the buttons **▲ CH+**, **▼ CH-**, **◀**, **▶** to select your desired Channel number and press **☑** to input.



## Channel Edit

1. Select **Channel Edit** from the main menu.
2. Use **▲ CH+**, **▼ CH-** to move to the next/ previous channel.
3. Use **◀**, **▶** to move to the next channel list.
4. Press **☑** on a channel's corresponding check box to activate or deactivate the channel.



## Channel Hop

Once channels are activated in the “Channel Edit” menu, they appear in the “Channel Hop” menu.


1. Select **Channel Hop** from the main menu.
2. Use the buttons **▲CH+**, **▼CH-** to move up/ down and **◀**, **▶** to turn pages, then press **☑** to select the desired channel.

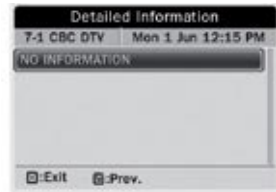


## EPG (Electronic Program Guide)

**For Digital TV mode only.** The EPG gives an overview of the available programs and shows program names, starting times, ending times, and detailed information. The availability and amount of program details depends upon the broadcaster.

1. Tune to a specific channel to receive the broadcaster’s PSIP (Program and System Information Protocol) for EPG update, if available.
2. Select **EPG** from the main menu.
3. Use **▲CH+**, **▼CH-** to navigate through the EPG menu. Press **☑** to view detailed program information.


 **Note:** Time Zone must be correctly set to enable EPG times. See “Time Zone” on page 18.




## Functions

You can customize many TV functions, as indicated in the Functions table below.

1. Select **Functions** from the main menu.
2. Use **▲ CH+**, **▼ CH-** to scroll through the submenus.
3. Press **▶** to enter specific settings in each submenu.
4. Use **▲ CH+**, **▼ CH-**, **◀**, **▶** to change settings, and press **☑** to save.
5. Press **□** once to return to the functions list, or press twice to exit.





 **Note:** Some functions work in digital mode only.




Functions	
Mode Selection	Select <b>Analog</b> or <b>Digital</b> .
Brightness	Select desired brightness from 20%, 40%, 60%, 80% or 100%.  <b>Note:</b> Brightness affects battery consumption. Dimmer settings extend battery life.



<b>Aspect Ratio</b>	<p>Select <b>Auto</b>, <b>16:9</b>, <b>4:3</b>, <b>Zoom1</b>, or <b>Zoom2</b>.</p> <ul style="list-style-type: none"> <li>■ <b>Auto</b> defaults to original broadcast format in Digital mode.</li> <li>■ <b>16:9</b> stretches the picture to fill the screen, sometimes resulting in distortion.</li> <li>■ <b>4:3</b> shrinks the picture and adds black bars on the sides</li> <li>■ <b>Zoom1</b>, <b>Zoom2</b> offers two levels of zoom to enlarge details for viewing.</li> </ul>
<b>Preferred Audio</b> <i>Digital mode only</i>	<p>Select the default for programs broadcast in multiple languages (shown in channel information): <b>English</b>, <b>Spanish</b>, or <b>French</b>.</p>
<b>Audio</b>	<p><b>Digital mode:</b> Options are based on the MTS (Multichannel Television Sound) information.</p> <p><b>Analog mode:</b> Options include Mono, Stereo, SAP (Second Audio Program).</p>
<b>Sound</b> <i>Digital mode only</i>	<p>Select <b>Stereo</b>, <b>Left Mono</b>, or <b>Right Mono</b>. When two different sounds and/or languages come from the TV, select <b>Left Mono</b> or <b>Right Mono</b>.</p>
<b>Audio Enhance</b>	<p>Select <b>On</b> or <b>Off</b> to optimize sound.</p>

<b>Closed Caption</b>	<p>Select a caption option: <b>CS 1-6</b>, <b>CC 1-4</b>, <b>TEXT 1-4</b>, or <b>Off</b>.</p> <p> <b>Note:</b> <b>CS 1-6</b> available only in Digital mode.</p>
<b>Max Battery</b>	<p>When operating the TV on battery power, you can turn the <b>Max Battery</b> function on/off. When activated,  appears highlighted in the channel information display, and the unit will maximize battery life by changing the brightness settings.</p>
<b>Menú Idioma</b>	<p>Select <b>English</b> or <b>Español</b> to change menu language. Default is English.</p>
<b>Menu Opacity</b>	<p>Select <b>60%</b>, <b>80%</b>, or <b>100%</b> to see through menus (60-80%) or keep them opaque (100%).</p>
<b>Time Zone</b> <i>Digital mode only</i>	<p>Select your time zone: <b>Atlantic</b>, <b>Eastern</b>, <b>Central</b>, <b>Mountain</b>, <b>Pacific</b>, <b>Alaska</b>, or <b>Hawaii</b>.</p> <p> <b>Note:</b> <i>If you don't set the correct Time Zone, the EPG, channel information, and automatic time will be incorrect, and will either display the wrong time or not display at all.</i></p>
<b>Key Option</b>	<p>Program your most frequently used functions for analog and digital modes. After, you can access a programmed function by pressing <input checked="" type="checkbox"/> for 2 seconds.</p> <p> <b>Note:</b> <i>Default key option setting for both Digital mode and Analog mode is Aspect Ratio.</i></p>

<b>Menu Edit</b>	Set the order of the Functions list: <b>Normal</b> – default menu order. <b>Auto</b> – the list memorizes and automatically modifies the order according to how frequently you use selected functions. <b>Manual</b> – This allows you to customise by rearranging the order and removing functions. See “ <b>Manually Edit Menus</b> ” on page 20 for details.
<b>Factory Reset</b>	Restore the default factory settings.  <b>Note:</b> Channel data will not be reset. To reset channel data, use <b>Auto Search</b> menu (page 13). After Factory Reset is complete, your TV will automatically restart.


# Manually Editing Menus

**Menu Edit** allows you to customize the Functions list by rearranging the order and removing unwanted functions.

1. Select **Menu Edit** from the **Functions** menu.
2. Press **▶** to enter the submenu, and use **▲CH+**, **▼CH-** to select **Manual**.
3. Press  to confirm. Check boxes appear for each menu option in the **Functions** menu.
4. To remove a function from the original list, use **▲CH+**, **▼CH-** to scroll up / down the function list. Then press  to deselect a check box. (Press  again if you change your mind.)
5. To change the list order, press **▶** to highlight a function, then use **▲CH+**, **▼CH-** to scroll through the Menu name list and press  to highlight the menu you want to move. Use **▲CH+**, **▼CH-** again to move the function to the up or down in the list, and press  to confirm.
6. When finished, press **⏏** to exit.



# Viewing Current Channel Information

1. To view the information window, press  while viewing a program.
2. Press again to hide the information window, or wait 5 minutes.

## *Channel Information for Analog Mode*



## Channel Information for Digital Mode

Channel # and  
Station Name  
(Broadcaster)

Program Start  
and End Time

Signal strength

Program Title

Time and Date

Note: Time Zone  
must be set. See  
page 18.

Battery Power

When the **Max  
Battery** function  
is activated, the  
icon **MAX** appears  
highlighted.

**1080i** Current  
broadcast resolution.  
TV converts to  
appropriate resolution  
for the TV.

**CC** appears  
when Closed  
Caption service is  
available.

**Ⓜ** appears  
when multilingual  
audio tracks are  
available.

**DDDigital** appears when  
a show is broadcast in multi  
channel Dolby Digital surround  
sound, which the TV converts  
to stereo.

# Specifications

RF Reception .....	Terrestrial ATSC 8VSB: 54 - 860 Mhz (Ch2 - Ch69)
.....	Terrestrial NTSC
.....	Built-in Antenna (Monopole Type)
Audio Processing .....	Dolby Digital Audio
.....	Digital Multi-lingual
Audio Input .....	LR Audio Input
Audio Output .....	Built-in Speaker Max. 1 x 0.9 W, 3.5mm earphones
Video Processing .....	MPEG-2 video decoding
.....	Decoding format: ATSC 18 Formats
Display .....	3.5" LCD: 320 x 240
.....	4:3 aspect ratio
.....	Contrast: 400:1
.....	Brightness (cd/m2): 250
Power .....	4 x AA batteries for approx. 2 hours view time
.....	DC Adapter (5V, 1A)
.....	Smart power management

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Actual product may vary from the product images in this document.

# Troubleshooting

Problem	Possible Solutions
<b>TV does not turn on</b>	<ul style="list-style-type: none"><li>■ The batteries may be dead. Try replacing the batteries.</li><li>■ If using AC Adapter, check to make sure the power cord is plugged in to the wall outlet securely.</li><li>■ Plug in another appliance to make sure that the outlet works.</li></ul>
<b>Intermittent or no TV signal</b>	<ul style="list-style-type: none"><li>■ Make sure your antenna is connected and undamaged.</li><li>■ Adjust your antenna. The signal strength may be low.</li><li>■ Move your TV near a window if you are indoors.</li><li>■ Move your TV away from other appliances that could cause interference (such as a microwave).</li></ul>
<b>Poor or no sound</b>	<ul style="list-style-type: none"><li>■ Try another audio language. Some programs do not have multiple audio tracks.</li><li>■ Adjust the volume level.</li><li>■ If using earphones, make sure they are working properly and are plugged in all the way.</li></ul>
<b>Picture is distorted</b>	<ul style="list-style-type: none"><li>■ Make sure the correct display mode is selected.</li><li>■ Check if Aspect Ratio is set properly. See page 17.</li></ul>



# FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Ignition L.P. may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# Limited Warranty

This brand product is warranted by Innovative DTV Solutions, Inc. to the original purchaser against manufacturing defects in materials and workmanship encountered in the normal noncommercial use of this product for a limited warranty period of:

## **Twelve (12) Months Labor and Parts**

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States.

**1-LABOR:** During the twelve months labor limited warranty period: Innovative DTV Solutions, Inc. will, at its option, repair the defective product at no cost to you, or replace the defective product with a new or remanufactured functionally equivalent product of equal value.

**2-PARTS:** During the twelve months parts limited warranty period, Innovative DTV Solutions, Inc. will supply new or rebuilt replacements for defective parts as may be deemed.

**3-This Warranty DOES NOT APPLY** to products that have been damaged due to abuse, misuse, accident, alteration, modification, negligence, line power surges, connection to improper voltage supply or settings, accident, acts of God and tampering or products that have been serviced by any unauthorized service center or third party. This Warranty DOES NOT APPLY to LCD and other accessories packaged with the unit.

**4-In order to have your merchandise repaired or replaced by warranty, you must contact our Customer Service representatives by phone or email, and get RMA number. Once you have obtained a RMA number, send the unit pre-paid to our authorized**

service center in the original packaging or reasonable substitute to prevent damage. You **must** include your full name, shipping address and telephone number for our reference with Proof of purchase. No return will be shipped back to a PO BOX. Innovative DTV Solutions, Inc. will not be responsible for delays or unprocessed claims resulting from a purchaser's failure to provide any or all of the necessary information. It will take approximately 3 to 4 weeks to process, from the date of receipt.

All of the accessories that came with the product package must be sent along with the main unit. The RMA number issued by our customer service rep. must be written on the mail package, along with return address. Contact the number and email for service:

**1-877-400-1230**

**[support@idtv solutions.com](mailto:support@idtv solutions.com)**

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Protect the environment by recycling used electronics. Go to [E-CyclingCentral.com](http://E-CyclingCentral.com) to find an electronic recycling center near you.

**Get more** from your audio and video equipment. See what you've been missing. With Auvio, **you control the experience.**

Auvio was established by a group of technophiles to provide **high quality audio and video products** without the high sticker price. The Auvio philosophy is for you to experience audio and video as it was intended to be: **pure and distortion free.**

We know electronics can be intimidating. Auvio **simplifies your experience** by providing the right products, with the right specs, to work with your equipment.

**Be confident** about your purchase: your new Auvio product incorporates the **latest technology**, is built to the **highest quality** standards, and **reduces environmental impact** by complying with RoHS environmental restrictions.